

VERMEIREN

Serenys

INSTRUCTION MANUAL





Instructions to the specialist dealer

This instruction manual is part and parcel of the product and must accompany every product sold.

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PREFACE

First of all we would like to thank you for the trust you placed in us by selecting one of our wheelchairs.

Vermeiren wheelchairs are the result of long years of research and experience. During development, we paid particular attention to ease of operation and servicing.

However, the working life of your vehicle depends greatly on the care you take when using it. This instruction manual should help you to get acquainted with the operation of your wheelchair and advise you on keeping your wheelchair in good working order, thereby ensuring it has a long working life.

This instruction manual reflects the latest stage of development of the product. Vermeiren reserves the right, however, to introduce changes without any obligation to adapt or replace previously delivered models.

Please keep in mind that if you follow our advice your wheelchair will continue to be in excellent condition and working order even after years of use.

If you have any further questions, please contact your specialist dealer.

GENERAL NOTES

With the SERENYS model you have acquired a wheelchair developed entirely for your comfort. The SERENYS model is designed exclusively for people with reduced mobility for use on their own or with the assistance of a helper, indoors and in limited outdoor areas. Please read the instruction manual carefully to acquaint yourself with your wheelchair.

APPLICABILITY

In addition to the multiplicity of equipment and accessories, the modular construction allows it to be used by persons suffering from motor handicap as a result of:

- Paralysis
- Limb loss (leg amputation)
- Limb defect / deformity
- Joint contractures / lesions
- Diseases such as heart failure, poor circulation, problems with balance or cachexia as well as for the aged.

When providing for individual requirements, the following must also be taken into account:

- Body size and weight (**max. load 120 kg**)
- Physical and mental condition
- Dwelling place and
- Surroundings

A warranty can only be provided if the product is used under predetermined conditions and for the intended purposes.

DESCRIPTION

The SERENYS wheelchair has an aluminium frame, with the frame of the backrest, armrests, knee protectors and footrest plates being made from highly resistant ABS plastic.

The Serenys can be operated by a helper but also by the user. It is a highly comfortable wheelchair designed for people who stay in their wheelchair for long periods of time and can be fully adjusted to each person's position when in movement or at rest.

The angle of the seat and backrest on the Serenys can be adjusted using a pneumatic cylinder, with it being possible to adjust the angle of the backrest independently of the seat. The Serenys is available in three seat sizes, 390 mm, 450 mm, 510 mm, with adjustable seat depths of 430 mm to 480 mm and three seat heights (ground / seat) of 430 mm to 520 mm.

The height of the armrests can be adjusted.

The height and depth of the headrest can be adjusted. The angle of the leg supports with the knee protectors can be adjusted, the height, depth and width of the calf plate cushions can be adjusted and they can be folded away towards the inside of the wheelchair.

The angle and depth of the footplates can be adjusted.

The cushions in the seat and backrest (500 mm or 600 mm height) are made from semi-memory foam and covered with DARTEX to provide the user with maximum comfort.

PARTS OF THE WHEELCHAIR



Pic. 1

1. Back wheel Ø 600 mm (24 x 1³/₈)
2. Front wheel Ø 200 x 50 mm (8 x 1³/₈)
or Ø 200 x 35 mm (8 x 1¹/₄)
3. Frame
4. Seat cushion
5. Backrest cushion
6. Armrests
7. Seat frame
8. Pushing handles
9. Braking system
10. Headrest
11. Legrests

CONFIGURATION

(Stated in basic configuration)

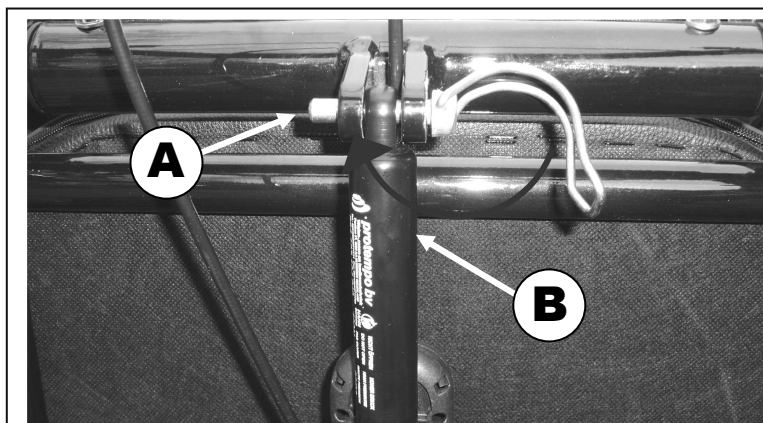
Total length	1170 mm		
Total width	630 mm	690 mm	750 mm
Seat width	390 mm	450 mm	510 mm
Total height	1020 mm (with standard seating height of 500 mm)		
Seat height adjustment (front)	450 mm – 520 mm		
Seat height adjustment (back)	380 mm – 530 mm		
Seat depth	430 mm – 480 mm		
Height back	500 mm oder 600 mm (on order)		
Height armrests	220 mm – 295 mm		
Total weight	ca. 36 kg		
Seat angle	-2° – +15°		
Back angle	-5° – +50°		
max. load	120 kg		
Frame color	Effect green	Metallic blue	
Upholstery	Dartex® Green	Dartex® Grey	

We reserve the right to introduce technical changes. Measurement tolerance +/- 15 mm/kg

MOUNTING THE WHEELCHAIR

- **Frame (pic. 2)**

After having removed the wheelchair from its original packaging, raise the backrest towards the rear up to a position of around 90° and place pin (A) into its socket so as to attach cylinder (B) located under the rear of the seat, placing the wires over the cylinder before closing the pin.

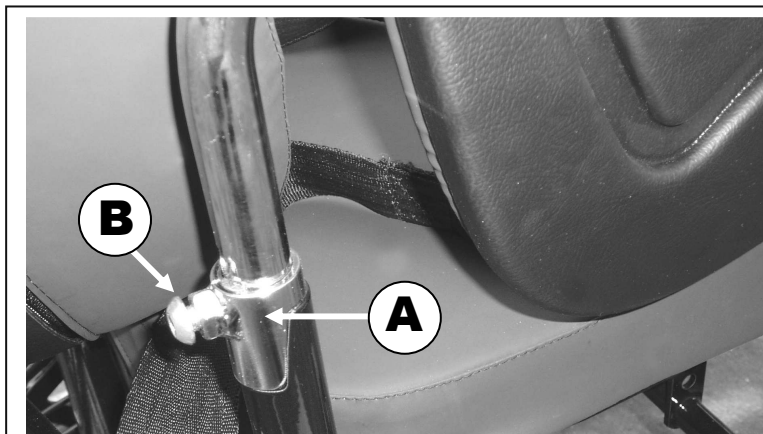


Pic. 2

⚠ Please check that the pin's safety buckle is closed.

- **ARMRESTS (Pic. 3)**

Put the right and left armrests in the appropriate sockets. The height can be adjusted using sliding part (A). It can be adjusted using Allen screw (B) Ø 4 mm, located on the rear.



Pic. 3

⚠ Please ensure that the screw is securely tightened before mounting the armrest.

⚠ The right armrest can be adjusted differently from the left armrest.

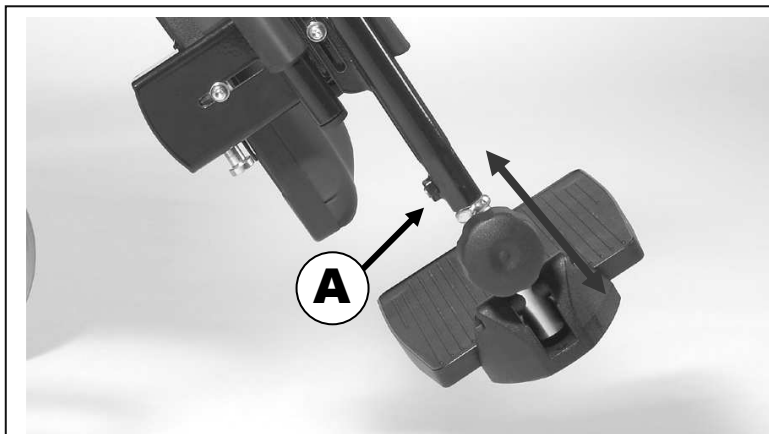
- **Legrests (Pic. 4)**

Place the leg support in its socket from above, and then move it down vertically until it is fixed. To fold away the leg supports outwards, lift the leg support up slightly (around 25 mm) and swivel it outwards. This process is required before transferring people.

Do the reverse process to lock the leg support.

Adjusting the length:

The length of the leg support is adjusted using screw (A) located at the end. Use the Allen key (delivered with the wheelchair) to make this adjustment.

**Pic. 4**

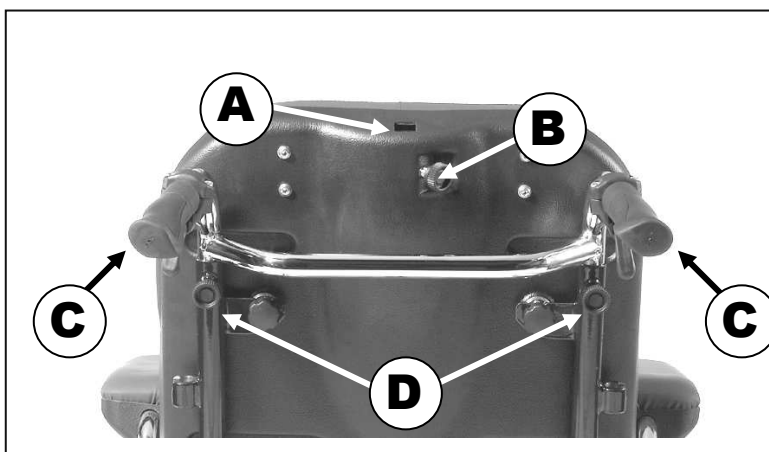
⚠ Please ensure screw (A) is securely tightened before mounting the leg support.

• CUSHIONS

Respectively place the seat and backrest cushions in their sockets. These are attached using Velcro strips.

• HEADREST (picture 5)

Place the headrest in the appropriate socket located in the upper part of the top of the backrest.

**Pic. 5**

The height is adjusted using the screw (A).

⚠ Please ensure the screw (A) is securely tightened after the adjustment

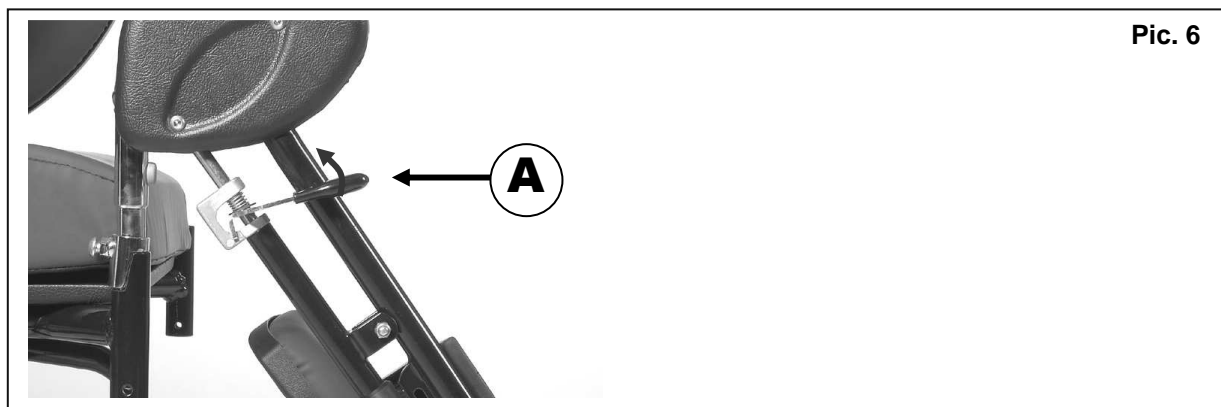
• PUSHING HANDLE (picture 5)

The height of the pushing handle can be adjusted in accordance with the height of the helper. Once it is at the desired height, tighten the screws (B).

ADJUSTING THE LEGRESTS

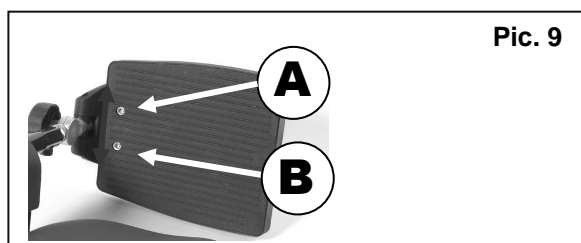
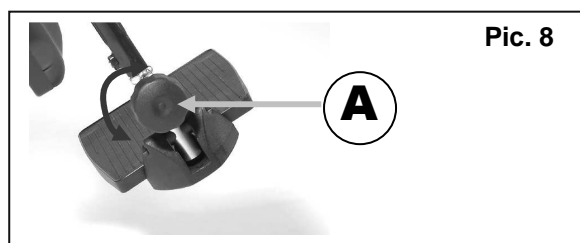
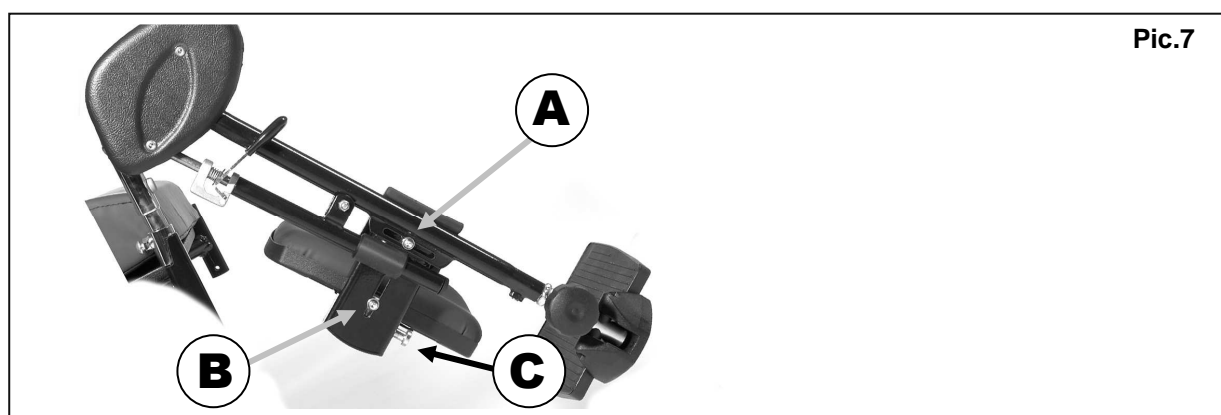
The angle is adjusted simply by lifting it by hand, automatically locking at the required angle, up to a maximum of 113°.

To lower the leg support, push lever (A) up until you reach the required angle.



The height, depth and width of the calf plate cushions can be adjusted and they can be folded away towards the inside of the wheelchair to facilitate the transfer of people.

- Adjusting the height → Loosen screw (A), move to the desired height, then tighten.
- Adjusting the depth → Loosen screw (B), move to the desired depth, then tighten.
- Adjusting the width → Loosen the 2 screws located behind the calf plate, move to the desired width, then tighten.
- Folding away the calf plate towards the inside of the wheelchair → push button (C) up.

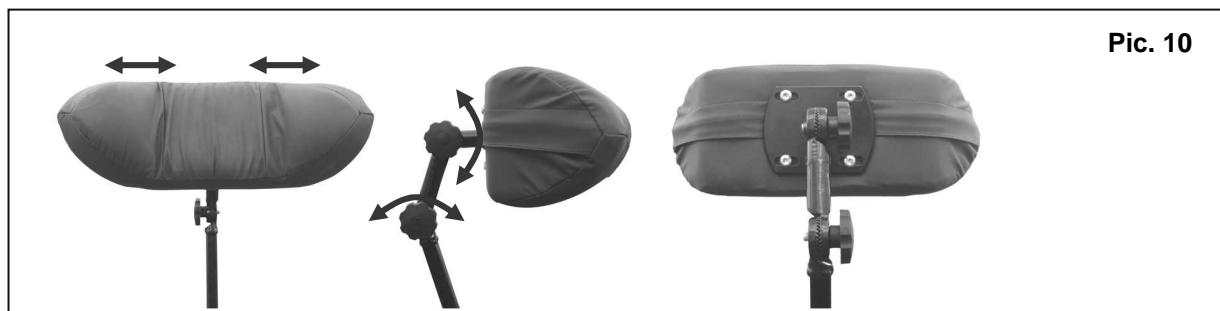


Adjusting the angle and depth of the footplates. (picture 8 and 9)

- Adjusting the angle → Loosen the black screw (A), adjust to the correct angle and tighten.
- Adjusting the depth → Loosen the two screws (A) and (B) on the footplate of the footrest and adjust to the desired depth (three possible positions) and tighten.

ADJUSTING THE HEADREST

The headrest can be set in different positions by means of toothed gearwheels (see diagram).



- ⚠ Don't forget to lock the headrest using the fixing screw at least around 60 mm above the end of the lower tube to ensure it is secure.

You can now set the height using the adjusting screw found on the headrest, slightly loosening the adjusting screws until the gears turn. Only adjust the headrest in accordance with your requirements and secure its position by tightening the adjusting screws. Repeat the procedure, if the resulting position is not satisfactory.

- ⚠ Check that the back of your head is supported by the headrest when sitting in a relaxed upright position.
- ⚠ Before using the headrest, all fixing screws must be tightened properly, otherwise unintentional sagging or movement of the headrest might cause injury.

If you want to secure your head laterally, gently press the side flaps of the headrest together and forward until they fit the dimensions of your head; this will prevent your head from tipping sideways.

- ⚠ When leaning your head against the side flaps ensure that too much pressure is not placed on them as this can cause damage.

ADJUSTING ANGLE OF SEAT AND BACKREST USING THE PNEUMATIC JACK

You can simultaneously tilt the seat and backrest towards the front or rear or just the backrest on its own.



1. Tilting the seat and backrest.

Pull up the left release lever located under the helper's pushing handle to the desired position and release it to lock the pneumatic jack. Possible seat angle: -2° to $+15^{\circ}$.



2. Tilting the backrest.

Pull up the right release lever under the helper's pushing handle to the desired position and release it to lock the pneumatic jack. Possible backseat angle: -5° to $+50^{\circ}$.

IMPORTANT

- ⚠ Abnormal usage of the wheelchair may lead to hazardous situations for the user.
- ⚠ The inclination of the seat is adjustable. In this case, you can adjust the angle of the seat by two degrees negative.
- ⚠ This position is only meant to ease the transfer of a patient (not to get in or get out of the wheelchair).
- ⚠ This position can make the wheelchair unstable if the user is not with both feet on the ground. (danger for tipping over).

- ⚠ This position may only be used on horizontal surfaces (do not use it on slopes, inclinations or unstable surfaces).
- ⚠ This position is not meant to be used as a permanent position.
- ⚠ Never use this position to move the wheelchair, with the user still inside the wheelchair.

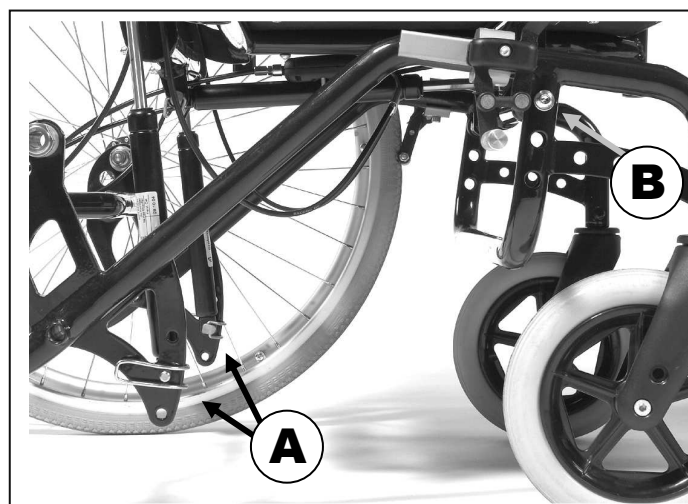
ADJUSTING THE HEIGHT OF THE SEAT

1. Remove the two pins (A) (lower cylinder fastener) located on the right and left sides of the frame. Move to desired height. There are three possible positions.

⚠ **Very important close the pin's safety buckles**

2. Unscrew the two screws (B) on each side of the frame at the front of the wheelchair (under the seat), tighten the screws (B) after having determined the desired setting and moving it to the desired height; there are also three possible positions.

⚠ These adjustments can also be used to place the seat and backrest at different angles.



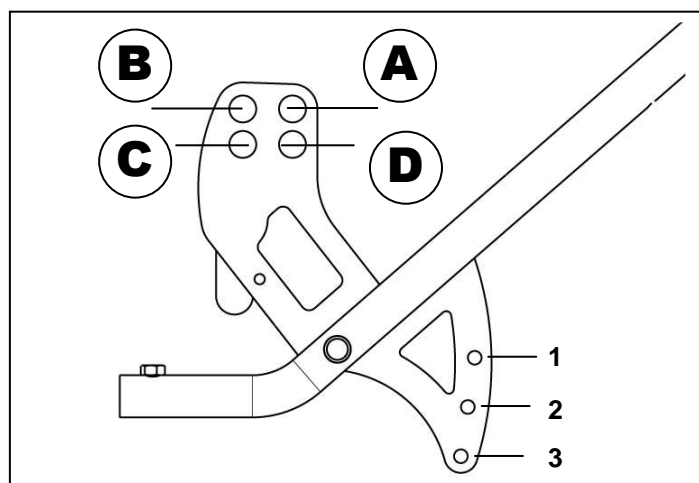
Pic. 11

Height of the seat (ground, seat)

Front → 520 to 450 mm

Back → 380 to 530 mm

We can offer you a variety of combinations with the rear wheels and the adjustments with the pneumatic jacks. The pictures below will give you an oversight on the possible combinations.



A and B = Use original 24" wheels

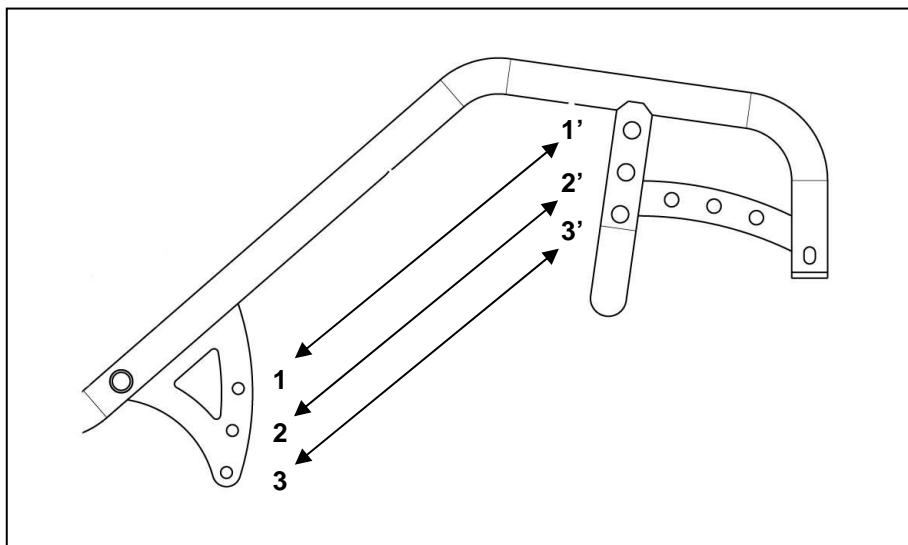
C and D = Use 22" wheels for a very low adjustment. You cannot use this setting in combination with the original 24" wheels.

	A	B	C (22")	D (22")
1	X	X	X	X
2	■	X	X	■
3	■	X	X	■

X = possible

■ = Impossible

Please respect the combinations shown below if you like to lower the wheelchair.



⚠ Very important: possible combinations:

1	1'
2	2'
3	3'

PARKING BRAKES

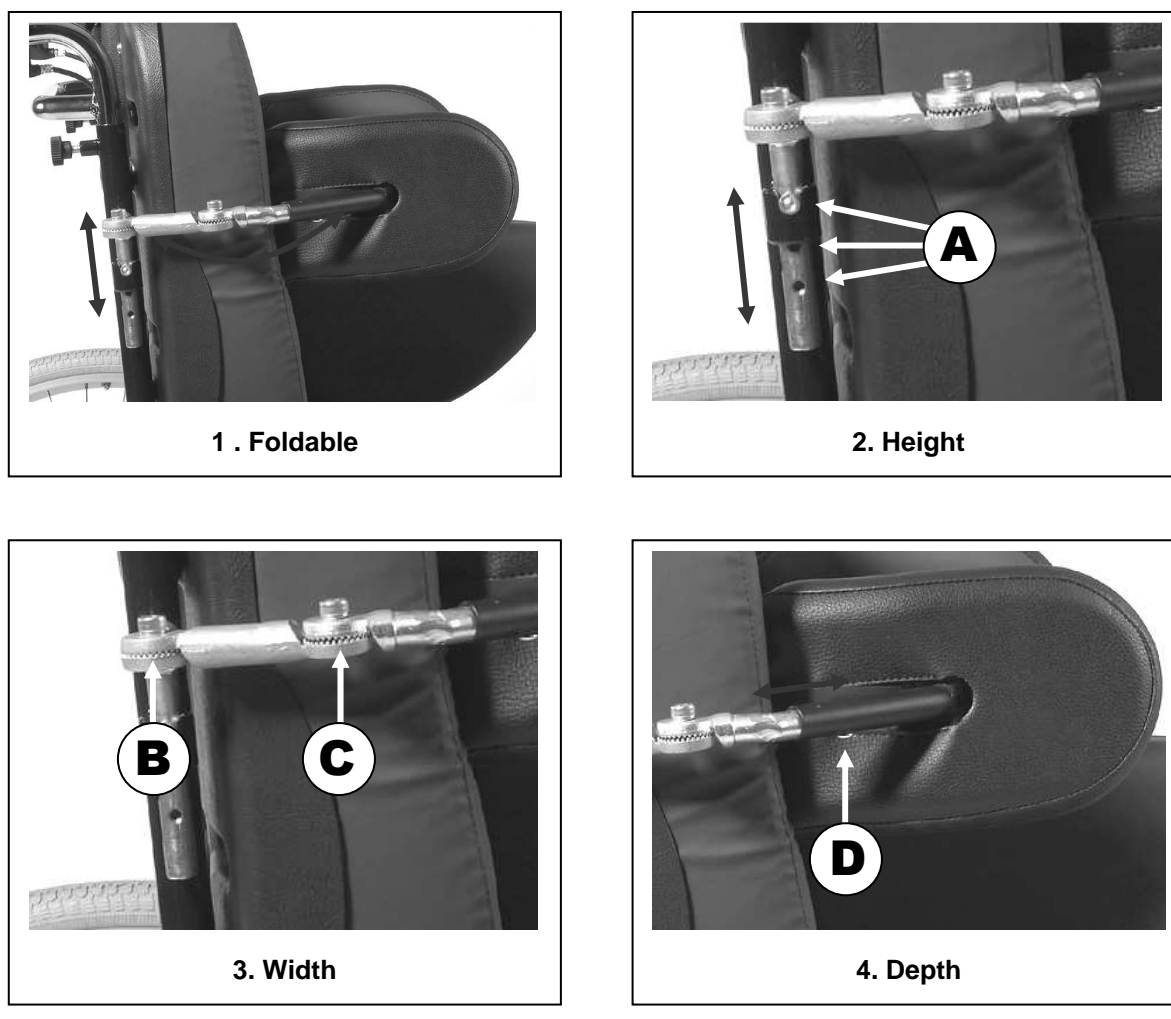
The brakes are designed to lock the wheelchair when stopped and in no event to reduce the speed of the wheelchair. To put the brake on, push the lever down and to take it off, pull the lever up. To adjust properly, the brake block should be 15 mm from the tyre when the brake is off.

ACCESSORIES

• Adjusting the body supports (L04)

There is a body support on the right side and the left side.
They can be folded away and their height, width and depth can be adjusted.

1. The body support can be folded away. Pull gently up and swing outwards to facilitate transfers.
2. The height is adjusted by changing the position of screw (A) located on the vertical tube of the body support (there are three possible positions).
3. The width is adjusted by loosening screws (B) and (C) on the toothed gearwheels for the optimum setting and then tightening.
4. The depth is adjusted by loosening screw (D) located under the horizontal tube of the body support and then tightening.

Pic. 12


- **PERSONAL SAFETY BELT (B58)**

For your safety we offer a personal safety belt. Holes are provided to attach it in the angle of the seat/back frame. If you prefer other types of fixing, contact your specialist dealer. He will mention further possibilities.



Let your specialist dealer fit these to ensure proper mounting.

Please consult your specialist dealer if you require other safety belt systems. He shall gladly assist you further.

- **HORIZONTAL WEDGE (B22)**

Many illnesses and disabilities require that your thighs have to be pushed apart by means of a wedge. For this purpose we offer a cushioned egg-shaped buffer the size of a fist which can be put into the required position by means of a connecting rod mounted beneath the seat in a gap of the frame.



Only your specialist dealer may fit and position this wedge.



We do not accept any liability for damage and/or injuries caused by the wedge being fitted by unauthorised persons.

● TREATMENT TABLE (B12 – B13 – B115)

We offer a wooden treatment table made. The table is removable and be flipped to the side.



Make sure when assembling that the cover and the cushion are not damaged.

TRANSPORTING THE WHEELCHAIR

Note the following before transporting the wheelchair:

TRANSPORTING WITHOUT A PATIENT

Since the multi-function wheelchair cannot be folded, at least two persons are required for its transportation.

By operating the relevant levers, set the seat in a horizontal position and the backrest vertically. Then remove the leg supports. The head-resting systems can be removed completely by loosening the fixing screws. Please remove the leg supports and the armrests (look in the respective sections of this manual). The wheelchair can now be lifted and transported.



Never pick the wheelchair up by grasping the wheels, but only by taking hold of solid frame parts (undercarriage) in the front and at the back.



When assembling, make sure that all screws are retightened properly.

TRANSPORTING WITH A PATIENT

If you want to be taken upstairs or downstairs, remove the anti-tipping wheels which would normally act for your protection, but would now prevent the driving wheels from rolling on the stairs.



Lifting the wheelchair while the patient is seated in the wheelchair is forbidden !



Transporting a patient over steps/stairs is to be done with at least two attendants.

Next make sure that the pushing handles are sufficiently tight and remove the leg supports. Slightly tilt the wheelchair backwards. The wheelchair can then be pushed forwards step by step using the driving wheels. A second person is required to secure the wheelchair in front by taking hold of the front of the frame after removing the leg supports. He then walks backwards.



Note that, when the footrests have been removed, the legs of the patient are not secured; danger of injury !!



When being transported, you should be protected by suitable safety belt systems (information obtainable from your specialist dealer).



When being transported, sit quietly in your wheelchair and avoid jerky movements.



If you cannot sit quietly when being transported because of illness or disability (e.g. slightly spastic, etc.), then at least two persons are required to secure the wheelchair on both sides by taking hold of fixed parts of the frame.



If the anti-tipping device is removed, you are not protected against tipping over backwards.



When being transported, make sure that your arms and legs do not protrude outside the wheelchair.



When being transported, no persons or objects should be below the wheelchair, to prevent personal injury or damage to the wheelchair.



For transporting in cars, we recommend that you use the existing seats with their seatbelt systems. The use of the multi-functional wheelchair as a seat in a motorised vehicle is not allowed.

USING RAMPS

















If you are considering the installation of ramps to overcome obstacles, kindly note the following:

Because of the large weight of the wheelchair we advise against using your own power for driving on a ramp, since it might not be possible for you to prevent the wheelchair from rolling backwards.


Never go up or down ramps without the aid of a helper.

FOR YOUR SAFETY

Take note of the following safety hints:

-  Note the correct way of handling the tyre grips: Place your open hand lightly on the tyre grip and touch it only with thumb and index finger. The other fingers should be closed like a fist, and should not touch the tyre grip.
-  To prevent injury and/or damage to your wheelchair, make sure that no objects and/or body parts are caught in the spokes of the driving wheels.
-  Do not step on the footplates when entering or leaving the wheelchair. The footplates must be folded up beforehand, or the leg supports should be swung outwards out of the way.
-  You should investigate the effects of shifting the centre of gravity on the behaviour of the wheelchair for example on gradients, on laterally sloping ground, or when overcoming obstacles, only when a helper is present to secure and support you.
-  When picking up objects lying in front of, next to, or behind the wheelchair, take care that you do not lean too far out because of the danger of tipping over, since the centre of gravity has moved.
-  Take care during all adjusting functions that no objects or body parts come into the area of the adjustment as there is the risk of squashing.
-  Only use your wheelchair according to regulations. For example, avoid uncontrolled rolls against an obstacle (step, edge of the kerb) or jumping down from a landing or a ledge.
-  Stairs may only be negotiated when aided by another person. If alternatives like ramps or lifts are available, use them.
-  Check that the profile depth of the tyres is adequate.
-  Please note that when travelling in public street traffic you are subject to the rules of the road; therefore adapt your riding behaviour to the weather and road conditions present.
-  As in the case of driving other vehicles you should not be under the influence of alcohol or medical drugs when riding in your wheelchair. This also applies to indoor driving.
-  For the purpose of improved visibility you should wear the brightest possible clothes when it is dark, or clothes with reflectors.
-  Be careful when using possible causes of fire such as cigarettes since they may damage or set the seat and back covers alight.
-  To avoid hand injury, do not push your hand between the driving wheel and the knee lever brake when propelling your wheelchair.
-  Never exceed the **maximum load (120 kg)**.
-  When riding outdoors, wear gloves which improve your grip on the tyre grips and protect your fingers against dirt and heating.

VERY IMPORTANT

-  Take care when attaching the quick-assembly wheels that the axle is completely and properly engaged. To this end, press on the button in the middle of the wheel axle and guide the axle as far as possible into the socket. Then release the knob and try to pull the wheel back out. The two bearings on the ends of the axle should lock the wheel and prevent it springing back out of the seating.

REGULAR CHECKS

Your multi-function wheelchair also requires servicing like any other technical product. The steps to be taken to fully enjoy the advantages of your wheelchair even after protracted use, are described below.

- **BEFORE DRIVING**

Check the tyres for visible damage and/or soiling. Remove any dirt since it could impair the functioning of the parking brakes. Before driving off, check the efficiency of the parking brakes. If it

does not function properly, please consult your specialist dealer. Check the tyre pressure and inflate them if necessary.

- **APPROX. EVERY 8 WEEKS**

Depending on the frequency of use lubricate the following parts lightly:

- Movable parts of the arm rest mechanism
- Bearings of the brake levers
- Movable parts of the footrests

- **APPROX. EVERY 6 MONTHS**

Depending on the frequency of use check the following:

- Cleanliness
- General condition
- Function of the steering wheels (If the rotation resistance is too great, clean the bearings of the steering castors. If this is insufficient, please consult your specialist dealer.)



Only authorised individuals are entitled to perform measures for exchanging components or making repairs/renovations. Kindly contact your specialist dealer.



Use only original replacement parts, which are available from the manufacturer via your dealer.

INSPECTION

In principle we recommend one inspection every twelve months, and a minimum of one before usage is resumed. All of the following checks must be performed and documented by authorized persons:

- Check the frame parts for three-dimensional deformation and reduced functioning.
- Visually check for damage to the paintwork (risk of corrosion)
- Check the operation of the wheels (free running, level rolling, axle play, tyres, profile, condition of the rims, air pressure (in the case of pneumatic tyres), floating axles, etc.)
- Check the solidity and seating of all screws
- Verify the amount of grease on the metal joints of moveable parts
- Visually check all plastic parts for tears and brittle spots
- Check the functioning of the armrests and leg supports (locking, loading, deformation, wear and tear due to loading, adjustment levers)
- Check the functioning of the gas pressure springs and rope pulls (kinks, foreign bodies), levers and adjusting screws. If necessary, adjust the rope pulls using the adjusting screws.
- Check the functioning of the removable parts (e.g. tip protector, headrest, safety belt, accessory)
- Verify completeness of the delivery condition
- Is the instruction manual available?

Have the service confirmed in the service plan only when at least the above-mentioned aspects have been checked. If your specialist dealer is incapable of performing the required services, please contact the manufacturer. We shall gladly refer you to authorized specialist dealers in your area.



The manufacturer is not liable for damage caused by the lack of or improper inspection.

CARE

Your multi-function wheelchair requires regular care if you want it to be visually attractive also. Please take note of the following hints:

- **COVERS**

Clean the covers with a cloth moistened with hot water. You may remove stubborn dirt by taking off the cover and washing it with a mild commercial detergent. Stains can be removed by using a sponge or a soft brush. Do not use any sharp-edged objects for cleaning SOFT covers.



Do not use strong cleaning liquids like solvents, nor use hard brushes.



We shall decline all liability for damage caused by the use of inappropriate cleaning agents.

- **PLASTIC PARTS**

Clean all plastic parts of your wheelchair with commercial plastic cleaners. Please comply with special product information.

• SURFACE LAYERS

The high quality of the surface layer guarantees optimal protection against corrosion. If the outer layer has been scratched or otherwise damaged, you can protect the area by applying varnish obtainable from your specialist dealer. Occasional greasing of the movable parts will ensure that you enjoy your wheelchair for a long time.

Initially the chrome parts only require rubbing with a dry cloth. Dull spots or stubborn dirt can best be removed by using a suitable commercial chrome polish. If steel parts are lightly greased with Vaseline, premature dulling of the chrome can be avoided.

To guarantee the long-term preservation of your wheelchair, we recommend that you take it once a year to your specialist dealer for inspection. These inspections can be signed off in the "Service plan" section.



The manufacturer shall decline liability for damage/injury caused by insufficient maintenance.



The use of steam or high-pressure cleaning is forbidden.

DISINFECTION

Only a hygiene technician or someone appointed by him can disinfect your wheelchair and this should be done every time before its use is resumed or it is turned over to third party. All parts of the wheelchair can be treated by scrubbing with a disinfectant. In principle all surfaces of a system or a product have to be disinfected before passing it on to another user, or when it is known that the user carries an infective vector. In these cases the measures of the federal law on epidemics have to be considered.

We recommend the following disinfectants for scrubbing (based on the list provided by the Robert Koch Institute, RKI):

Active substance	Product name	Laundry disinfection		Surface disinfection (scrubbing-/wiping disinfection)		Disinfection of excretions 1 part sputum or stools + 2 parts diluted solution or 1 part urine + 1 part diluted solution						Area of effectiveness	Manufacturer or Supplier
						Sputum		Stools		Urine			
		Diluted solution	Time to take effect	Diluted solution	Time to take effect	Diluted solution	Time to take effect	Diluted solution	Time to take effect	Diluted solution	Time to take effect		
		%	Hr.	%	Hr.	%	Hr.	%	Hr.	%	Hr.		
Phenol or phenol derivative	Amocid	1	12	5	6	5	4	5	6	5	2	A	Lysoform
	Gevisol	0,5	12	5	4	5	4	5	6	5	2	A	Schülke & Mayr
	Helipur			6	4	6	4	6	6	6	2	A	B. Braun
	m-cresylic soap solution (DAB 6)	1	12	5	4							A	
	Phenol	1	12	3	2							A	
Chlorine, organic or inorganic substances with active chlorine	Chloramin-T DAB 9	1,5	12	2,5	2	5	4					A ¹ B	
	Clorina	1, 5	12	2,5	2	5	4					A ¹ B	Lysoform
	Trichlorol	2	12	3	2	6	4					A ¹ B	Lysoform
Per combinations	Apesin AP100 ²			4	4							AB	Tana PROFESSIONAL
	Dismozon pur ²			4	1							AB	Bode Chemie
	Perform ²			3	4							AB	Schülke & Mayr
	Wofesteril ²			2	4							AB	Kesla Pharma
Formaldehyde and/or other aldehydes or derivatives	Aldasan 2000			4	4							AB	Lysoform
	Antifect FD 10			3	4							AB	Schülke & Mayr
	Antiseptica surface disinfection 7			3	6							AB	Antiseptica
	Apesin AP30			5	4							A	Tana PROFESSIONAL
	Bacillocid special			6	4							AB	Bode Chemie
	Buraton 10F			3	4							AB	Schülke & Mayr
	Desomed A			3	6							AB	Desomed

Active substance	Product name	Laundry disinfection		Surface disinfection (scrubbing-/wiping disinfection)		Disinfection of excretions 1 part sputum or stools + 2 parts diluted solution or 1 part urine + 1 part diluted solution						Area of effectiveness	Manufacturer or Supplier
		Diluted solution	Time to take effect	Diluted solution	Time to take effect	Sputum		Stools		Urine			
						Diluted solution	Time to take effect	Diluted solution	Time to take effect	Diluted solution	Time to take effect		
	2000												
	Hospital disinfectant cleaner			8	6							AB	Dreiturm
	Desomed Perfekt			7	4							AB*	Desomed
	Formaldehyde-solution (DAB 10), (formaline)	1,5	12	3	4							AB	
	Incidin Perfekt	1	12	3	4							AB	Ecolab
	Incidin Plus			8	6							A	Ecolab
	Kohrsolin	2	12	3	4							AB	Bode Chemie
	Lysoform	4	12	5	6							AB	Lysoform
	Lysoformin	3	12	5	6							AB	Lysoform
	Lysoformin 2000			4	6							AB	Lysoform
	Melsept	2	12	4	6							AB	B. Braun
	Melsitt	4	12	10	4							AB	B. Braun
	Minutil	2	12	6	4							AB	Ecolab
	Multidor			3	6							AB	Ecolab
	Nüscosept			5	4							AB	Dr. Nüsken Chemie
	Optisept			7	4							AB*	Dr. Schumacher
	Pursept-FD			7	4							AB*	Merz
	Ultrasol F	3	12	5	4							AB	Fresenius Kabi
Amphoteric surfactants (amfetensiden)	Tensodur 103	2	12									A	MFH Marienfelde
Lye	Lime-milk ³								20	6		A ³ B	

1 Not effective against myco-bacteria when service disinfecting, especially in the presence of blood.
2 Not suitable for disinfecting blood-contaminated or porous surfaces (e.g. raw wood).
3 Useless for tuberculosis; preparation of Lime-milk: 1 part dissolved lime (calcium hydroxide) + 3 parts water.
* Checked for effectiveness on viruses in accordance with checking methods of the RKI (Federal Health Reporting 38 (1995) 242).
A: Suitable for killing vegetative bacterial germs including myco-bacteria as well as fungi, including fungal spores.
B: Suitable for deactivating viruses.

Disinfective substances may only be applied by authorized professional staff trained in the functioning and application of disinfectives.

The current state of the disinfectants included in the RKI list can be obtained from the Robert Koch Institute (Home page: www.rki.de).



You should wear suitable protective clothing because the disinfectants could irritate your skin. For this purpose you should also take note of the product information of the solutions concerned.



You employ unauthorized persons at your own risk.



The manufacturer shall decline all liability for damage or injuries due to the improper handling of disinfectants.

All steps taken to disinfect rehabilitation equipment, their components or other accessory parts are to be recorded in a disinfection report containing a minimum of the following information (with product documentation appended):



Date of the disinfection	Reason	Specification	Substance and concentration	Signature

V = suspected infection IF = infection case W = repetition I = inspection

Kindly consult your specialist dealer if you have further queries on matters related to disinfection; he will gladly assist you.

The following tools are required for assembling and adjusting your wheelchair:

- Phillips screwdriver
- Allen keys (sizes 4 and 5)
- Ring and open-ended spanners (sizes 10 / 13)
- Ring spanner (size 19)
- Open-ended spanner (size 11)

Assembly and adjustments may only be undertaken by your specialist dealer.

Excerpt from the “General Commercial Terms and Conditions”:

We provide a warranty – from the date of the invoice – for processing defects or material defects for the warranty period of the relevant product group:

- SERENYS wheelchairs two years (frame and crosspiece)

The following are not covered by the warranty:

- Damage caused by structural alterations to our products
- Worn parts
- Damage caused by the product or its users
- Damage caused by external influences
- Damage caused by using non-genuine parts
- Seawater baths

$$(\dots)$$

We reserve the right either to repair a damaged part or to replace it with a new one. The warranty period is not extended in such a case. The performance of the warranty is ensured by the specialist dealer.

$$\left(\begin{array}{c} \vdots \\ \vdots \\ \vdots \end{array} \right)$$

CONFORMITY

The manufacturer or his authorized representative :

N.V. VERMEIREN N.V

Address :

Vermeirenplein 1/15

2920 Kalmthout

Belgium

declares under his sole responsibility that the CE marked medical devices :

Productgroup: Manual wheelchairs

Brand: Vermeiren

Type: Serenys

have been classified as class I, according to annex IX MDD 93/42/EEC, rule 1,

and is manufactured in full conformity with the European instructions below - including the latest modifications - and with the national law, that organizes this directions :

Medical devices directive MDD 93/42/EEC: 2007

and is in conformity with the relevant European harmonized standards:

EN 12182: 1999, EN 12183: 2009

DISPOSAL

When disposing of the wheelchair, contact your local disposal centre or return the product to your specialist dealer who, after submitting it to a hygienic procedure, will be able to send it back to the manufacturer who will dispose of and recycle it correctly, separating it into its component materials.

Packaging materials can be submitted to the respective disposal or recycling centres free-of-charge.



SERVICE

The manual wheelchair was serviced:

Dealer's stamp:

Date:

Dealer's stamp:

Date:

Dealer's stamp:

Date:

Dealer's stamp:

Date:

Dealer's stamp:

Date:

Dealer's stamp:

Date:

Dealer's stamp:

Date:

Dealer's stamp:

Date:

Dealer's stamp:

Date:

Dealer's stamp:

Date:

- For service checklists and additional technical information, please see our specialist dealers nearest to you. More information on our website at: www.vermeiren.com.

ITALIANO

GARANZIA CONTRATTUALE

La carrozzina manuali sono garantite 5 anni, la carrozzine ultra leggera 4 anni. Le carrozzine elettroniche, tricicli, letti e altri prodotti: 2 anno contro tutti i difetti di costruzione o di materiale (batterie 6 mesi). Multiposizioni 3 anni. Questa garanzia e' limitata alle sostituzione di parti riconosciute difettose.

CONDIZIONI

Per far valere la garanzia, e' necessario indirizzarla al vostro distributore di fiducia che presentera' al produttore il tagliando.

RISERVE

Questa garanzia non potra' essere applicata nei seguenti casi:

- danno dovuto al cattivo ed improprio utilizzo della carrozzina,
- danno subito durante il trasporto,
- incidente o caduta,
- smontaggio, modifica, o riparazione effettuate in proprio,
- usura abituale della carrozzina,
- invio del tagliando di garanzia con la data di acquisto.



B

Naam/Nom/Name

Name/Nome

Adres/Adresse/Address

Adresse/Indirizzo

Woonplaats/Domicile/Home

Wohnort/Citta

E-mail

Artikel/Article/Article

Artikel/Articolo

Reeks nr./N° de série/Serie nr.

Serien-Nr./No. di serie

Aankoopdatum/Date d'achat/Date of purchase

Kaufdatum/Data di acquisto

Stempel verkoper/Timbre du vendeur

Dealer stamp/Händlerstempel

Timbro del rivenditore

A

Naam/Nom/Name

Name/Nome

Adres/Adresse/Address

Adresse/Indirizzo

Woonplaats/Domicile/Home

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Stempel verkoper/Timbre du vendeur

Dealer stamp/Händlerstempel

Timbro del rivenditore

VERMEIREN



**WAARBORG
GARANTIE
WARRANTY
GARANTIE
GARANZIA**

N.V. VERMEIREN N.V.

VERMEIRENPLEIN 1-15

B-2920 Kalmthout

Tel.: 00 32 (0)3 620 20 20

Fax: 00 32 (0)3 666 48 94

www.vermeiren.com

NEDERLANDS

CONTRACTUELE GARANTIE

Op de manuele rolstoelen geven wij 5 jaar, lichtgewicht rolstoelen 4 jaar. Op de elektronische rolstoelen, driewielers, bedden en andere producten : 2 jaar waarborg op constructie - of materiaalfouten (batterijen 6 maanden). Op multipositie rolstoelen geven we 3 jaar waarborg. Deze garantie is uitsluitend beperkt tot de vervanging van defecte stukken of onderdelen.

TOEPASSINGSVOORWAARDEN

Om aanspraak te kunnen maken op de waarborg, bezorgt u het garantiecertificaat dat u heeft bewaard, aan uw Vermeiren dealer. De waarborg is enkel geldig in de zetel van de onderneming.

UITZONDERINGEN

Deze garantie is niet van toepassing in geval van:

- schade te wijten aan het verkeerd gebruik van de rolstoel,
- beschadiging tijdens het transport,
- een val of een ongeval
- een demontage, wijziging of herstelling uitgevoerd buiten onze firma,
- normale slijtage van de rolstoel,
- niet inzenden van de garantiestrook.

FRANCAIS

GARANTIE CONTRACTUELLE

Les fauteuils manuels standard sont garantis 5 ans, les fauteuils ultra légers 4 ans. Les fauteuils électroniques, tricycles, lits et autres produits: 2 ans contre tous vices de construction ou de matériaux (batteries 6 mois). Fauteuils multiposition 3 ans. Cette garantie est expressément limitée au remplacement des éléments ou pièces détachées reconnues défectueuses.

CONDITIONS D'APPLICATION

Pour prétendre à cette garantie, il faut présenter le certificat de garantie que vous avez conservé à votre distributeur Vermeiren. La garantie est uniquement valable au siège de la société.

RESERVES

Cette garantie ne pourra être appliquée en cas de:

- dommage dû à la mauvaise utilisation du fauteuil,
- endommagement pendant le transport,
- accident ou chute,
- démontage, modification ou réparation fait en dehors de notre société,
- usure normale du fauteuil,
- non retour du coupon de garantie.

ENGLISH

CONTRACTUAL WARRANTY

We offer 5 years of warranty on standard wheelchairs, lightweight wheelchairs 4 years. Electronic wheelchairs, tricycles, beds and other products: 2 years (batteries 6 months) and multiposition wheelchairs 3 years. This warranty is limited to the replacement of defective or spare parts.

APPLICATION CONDITIONS

In order to claim this warranty, part "B" of this card has to be given to your official Vermeiren dealer. The warranty is only valid when parts are replaced by Vermeiren in Belgium.

EXCEPTIONS

This warranty is not valid in case of:

- damage due to incorrect usage of the wheelchair,
- damage during transport,
- involvement in an accident,
- a dismount, modification or repair carried outside of our company and/or official Vermeiren dealership,
- normal wear of the wheelchair,
- non-return of the warranty card

DEUTSCH

GARANTIEERKLÄRUNG

Wir garantieren, dass für unsere Rollstühle hochwertige Produkte verwendet werden, die in sorgfältiger Verarbeitung nach dem neuesten Stand der Technik montiert werden. Bevor Ihr Rollstuhl unser Werk verlassen hat, wurde er einer eingehenden Endkontrolle unterzogen, um auch letzte, eventuell vorhandene Mängel aufzuspüren.

Auf Standardrollstühle gewähren wir eine Garantie von 5 Jahren, auf Leichtgewichtrollstühle 4 Jahre, auf elektronische Rollstühle, Dreiräder, Betten und andere Produkte: 2 Jahre (Batterien 6 Monate), auf Multifunktionsrollstühle 3 Jahre.

In dieser Garantie eingeschlossen sind alle Mängel, die auf einen Produkt- oder Verarbeitungsfehler zurückzuführen sind. Dieser Garantie unterliegen keine Schäden aus unsachgemäßer Benutzung. Ebenfalls sind Verschleißteile von der Garantie ausgenommen.

Sollte einmal der Fall eingetreten sein, dass Sie aus berechtigtem Grunde mit Ihrem Rollstuhl unzufrieden sind, so wenden Sie sich bitte unverzüglich an Ihren Fachhändler. Er wird sich in enger Zusammenarbeit mit uns darum bemühen, eine für Sie zufriedenstellende Lösung zu finden.

N.V. VERMEIREN N.V.
Vermeirenplein 1/15
B-2920 Kalmarhout
BELGIUM



A

- terugsturen binnen de 8 dagen na aankoop of registreer uw product via onze website, <http://www.vermeiren.be/registration>
- à renvoyer dans les 8 jours après achat ou régistrier votre produit sur notre site, <http://www.vermeiren.be/registration>
- please return within 8 days of date of purchase or register your product at our website, <http://www.vermeiren.be/registration>
- zurückschicken innerhalb von 8 Tagen nach kauf oder registrieren Sie Ihr Produkt auf unserer website, <http://www.vermeiren.be/registration>
- da restituire entro 8 giorni dalla data di acquisto o registri il vostro prodotto al nostro web site, <http://www.vermeiren.be/registration>

B

- in geval van herstelling, kaart "B" bijvoegen.
- en cas de réparation, veuillez ajouter la carte "B".
- in case of repair, please add part "B".
- im Falle einer Reparatur, Karte "B" beifügen
- in case di riparazione, ripediteci la carta "B".



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e-mail: info@vermeiren.fr

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